

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

OCT 13 1972

**OIL CON. COM.
DIST. 3**

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10-10-72	
Company Aztec Oil & Gas Company			Connection Southern Union Gas		
Pool Blanco			Formation Mesaverde		Unit
Completion Date 10-3-72		Total Depth 5575	Plug Back TD 5540	Elevation 6574	Farm or Lease Name Arizona Jicarilla "B"
Orifice Size 10-3/4 7-5/8	Wt. 32.75 26.40	d Set At 338 3389	Perforations: From 5442 4912 To 5462 4946	Well No.	
Tag Size 1.500	Wt. 2.9	d Set At 5409	Perforations: From To	Unit M	Sec. Twp. Rge. 4 26N 5W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At -----	County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _g	State New Mexico
L	H	G _g	% CO ₂	% N ₂	% H ₂ S Prover Meter Run Taps

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1.	2"		3/4				943		943		7 day
2.							213		778		3 hr
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12,365		225	1.0000	.9258	1.0000	2576
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2					Specific Gravity Separator Gas _____ X X X X X X X X
3					Specific Gravity Flowing Fluid _____ X X X X X
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

P _c 955	P _c ² 912,025	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.1675$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.3743$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	790	624,100	287,925
2			
3			
4			
5			

Absolute Open Flow 6116 Mcfd @ 15.025		Angle of Slope @ 75	Slope, n 75
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Remarks:			
Approved By Commission:	Conducted By:	Calculated By: <i>[Signature]</i>	Checked By: